



Stantec

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October 28, 2008
File: LV2008008

Kentucky Office of the 911 Coordinator/CMRS Board
200 Mero Street
Frankfort, KY 40622

Attention: Mr. David Lucas

Dear Mr. Lucas:

**Reference: CMRS Geospatial Audit
Hopkinsville-Christian County EOC
116-A West First Street
Hopkinsville, KY 42240**

The Geospatial Audit of Hopkinsville-Christian County EOC located in Christian County was conducted on 9/30/2008. Hopkinsville-Christian County EOC provides wireless 9-1-1 service for Christian County.

PSAP MAPPING SUMMARY

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 specifies the requirements of mapping software used in certified PSAPs. The software used by Hopkinsville-Christian County EOC meets this requirement.

FIELD DATA TESTING

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 95% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

WIRELESS 9-1-1 FUNCTION

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 95% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

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Reference: CMRS Geospatial Audit

CONCLUSION

Mapping Component

Meets audit criteria

Field Data Component

Meets audit criteria with 95% of points tested meeting criteria

Wireless Data Component

Meets audit criteria with 95% of calls tested meeting criteria

Based on the results of the audit, Hopkinsville-Christian County EOC meets the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

Stantec Consulting Services Inc.

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GIS Project Manager
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Attachment: Report Details

c. Files

j v:\1756\active\175658008\gis\merged summary letter.doc

PSAP Mapping Component Summary

PSAP Name Hopkinsville-Christian County EOC

Address 116-A West First Street

Audit Date 9/30/2008

City Hopkinsville

Audit Personnel MCCORMICK

Contact Gary L. Eldridge

Contact Title Director

Software	Version	Vendor
COMPUTER INFORMATI	UNKNOWN	CIS

Mapping Layers Used

Road Centerlines: ☒

Point Addresses: ☒

Ortho Photography: ☒

Other Layers: ☒ Type of 'other' layers used by PSAP:

The map has 17 layers: Railroads, Rods, Penbrook City Limits, Pennyryle State Post, Master Structure, Lafayette City Limits, Hopkinsville City Limits, Fort Campbell, ESN, EOC Roads, EOC Roads, EMS Districts, Oak Grove City Limits, CSX Railroad, Crofton City Limits, CMRS, 911 Intersections

Notes and Observations:

Observations and comments:

The map was last updated on 9/18/08, the frequency of updates is monthly. The data is supplied by the City/County planning Commission and he data is loaded into the map by the Captain - Joanne Cowherd.

The data from the map and the wireless calls were obtained by Joanne Cowherd